## JOB PERFORMANCE MEASURE (JPM)

TASI	CODE:	CB0-019					
TASI	<b>⟨</b> :	Calibrate a G	eiger-Mueller dose rate inst	rument			
TRAINEE:			SSN:				
REFI	ERENCES	:					
1-	1- WP12-HP1230, Dose Rate Instrumentation						
TER	MINAL OB	JECTIVE:	Given that a Geiger-Muell calibrate the instrument IA			nt requires calibration,	
CON	SEQUENC	ES OF INADEO	QUATE PERFORMANCE (A	ABNORMAL	CONDITIO	ONS):	
1-	1- Improper survey results						
HAZ	ards (Pei	RSONNEL/EQU	JIPMENT SAFETY):				
1-	Electrical	hazard					
PRE-	REQUISIT	E TRAINING /	TASK COMPLETION:				
<ul> <li>1- CL 1.01 through CL 1.09,CL 1.13</li> <li>2- CL 2.08,CL 2.16</li> <li>3- CB0-030-JP, Operate the J.L. Shepherd Calibration Unit</li> <li>3- CF0-116-JP, Operate a Geiger-Mueller dose rate instrument</li> <li>4- CF0-156-JP, Control a radioactive source</li> <li>5- ELC103, Electrical safety</li> <li>6- MED101, First aid / CPR</li> </ul>							
TOO	LS/EQUIPI	MENT (MATER	IALS REQUIRED):				
	1- 2- 3- 4- 5-	Geiger-Muelle Procedure Wi Calibration da DVM 5 and 10 uCi	ta sheet	6- 7- 8- 9-	Positic J.L. Sł	roltage probe oning rig nepherd Calibration Unit screwdriver	

**Instructions to Trainee:** You shall acquire the necessary references and equipment, and complete all required documentation. Knowledge requirements shall be completed with 80% or greater accuracy. Critical step performance shall be completed with 100% accuracy.

**Instructions to Evaluator:** The trainee is to perform the terminal objective, without assistance, on the job site. Provide clarification of requirements if requested by trainee. You are encouraged to ask relevant questions to verify trainee understanding. If a trainee fails this JPM, clearly document the reason for failure and forward to the trainee's manager. Successful completion of this JPM shall be recorded on the trainee's certification card.

## KNOWLEDGE REQUIREMENTS:

Ref.	Knowledge requirement	P/F
1	State the frequency of calibration for a Geiger-Mueller instrument	
1	State your actions if the Geiger-Mueller instrument fails the calibration	

## PERFORMANCE REQUIREMENTS:

Ref.	CRITICAL STEPS	P/F
1	Replace the instrument batteries, if required	
1	Perform an "as found" efficiency check	
1	Perform a linearity check	
1	Perform the overload response check	
1	Perform a detector assembly check	
1	Perform an "as left" reproducibility check	
1	Complete the calibration data sheet	

FINAL EVALUATION:	PASS	FAIL		
COMMENTS:				
EVALUATOR SIGNATURE:			DATE:	-
STUDENT SIGNATURE:			DATE:	-

MANAGER SIGNATURE:	DATE:	
	CB0-019-JP	Rev 5